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What is claimed is :

1. A combination comprising a therapeuticallyeffective amount of a cyclooxygenase-2 inhibitor and a leukotriene B_4 receptor antagonist.

2. A combination comprising a therapeutically-effective amount of a leukotriene B₄ receptor antagonist and a cyclooxygenase-2 inhibitor selected from Taisho NS-398, meloxicam, floculide, Merck MK-966, Merck L-752,860 and compounds of Formula I

$$\mathbf{I}^{\mathbb{R}^{2}} \overset{\circ}{\underset{\mathbb{R}^{3}}{\otimes}} \mathbf{I}$$

wherein A is a substituent selected from partially unsaturated or unsaturated heterocyclyl and partially unsaturated or unsaturated carbocyclic rings;

wherein R¹ is at least one substituent selected from heterocyclyl, cycloalkyl, cycloalkenyl and aryl, wherein R¹ is optionally substituted at a substitutable position with one or more radicals selected from alkyl, haloalkyl, cyano, carboxyl, alkoxycarbonyl, hydroxyl, hydroxyalkyl, haloalkoxy, amino, alkylamino, arylamino, nitro, alkoxyalkyl, alkylsulfinyl, halo, alkoxy and alkylthio;

wherein R² is methyl or amino; and wherein R³ is a radical selected from hydrido, halo, alkyl, alkenyl, alkynyl, oxo, cyano, carboxyl, cyanoalkyl, heterocyclyloxy, alkyloxy, alkylthio, alkylcarbonyl, cycloalkyl, aryl, haloalkyl, heterocyclylalkyl, acyl, alkylthioalkyl, hydroxyalkyl, alkoxycarbonyl, arylcarbonyl, aralkylcarbonyl, aralkenyl, alkoxyalkyl, arylthioalkyl, aryloxyalkyl, aralkylthioalkyl, aralkoxyalkyl, alkoxyaralkoxyalkyl, alkoxycarbonylalkyl, aralkoxyalkyl, alkoxyaralkoxyalkyl, alkoxycarbonylalkyl,

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aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-arylaminocarbonyl, N-alkyl-N-arylaminocarbonyl, alkylaminocarbonylalkyl, carboxyalkyl, alkylamino, N-arylamino, N-aralkylamino, N-aralkylamino, N-aralkylamino, N-aralkylamino, aminoalkyl, alkylaminoalkyl, N-arylaminoalkyl, N-aralkylaminoalkyl, N-alkyl-N-aralkylaminoalkyl, N-alkyl-N-arylaminoalkyl, aryloxy, aralkoxy, arylthio, aralkylthio, alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl, N-arylaminosulfonyl, arylsulfonyl, N-alkyl-N-arylaminosulfonyl;

or a pharmaceutically-acceptable salt thereof.

- The combination of Claim 2 wherein the leukotriene B4 receptor antagonist is selected from Bayer Bay-x-1005, Ciba-Geigy CGS-25019C, ebselen, Leo Denmark ETH-615, Lilly LY-293111, Ono ONO-4057, Terumo TMK-688, Boehringer Ingleheim BI-RM-270, Lilly LY 213024, Lilly LY 264086, Lilly LY 292728, Ono ONO LB457, Pfizer 105696, Perdue Frederick PF 10042, Rhone-Poulenc Rorer RP 6615\(\beta\), SmithKline Beecham SB-201146, SmithKline Beecham SB-201993, Searle SC-53228, Sumitamo SM 15178, American Home Products WAY 121006, Bayer Bayo-8276, calcitriol, Warner-Lambert CI-987, Merck and Co. L-651392, Lilly L¥ 210073, Lilly LY 223982, Lilly LY 233569, Lilly LY-2\$5283, Merck and Co. MK-591, Merck and CO. MK-886, Ono ONO-LB-448, Purdue Frederick PF-5901, Rhone-Poulenc Rdrer RG 14893, Rhone-Poulenc Rorer RP 66364, Rhone-Poulerc Rorer RP 69698, Searle SC-41930, Searle SC-50505, Searle SC-51146, SmithKline Beecham SK&F-104493, and Teijin TEI-1338.
- 4. The combination of Claim 3 wherein the leukotriene B4 receptor antagonist is selected from 35 Bayer Bay-x-1005, Ciba-Geigy CGS-25019C, ebselen, Leo Denmark ETH-615, Lilly LY-293111, Ono ONO-4057, Terumo TMK-688, Boehringer Ingleheim BI-RM-270, Lilly LY

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213024, Lilly LY 264086, Lilly LY 292728, Ono ONO LB457, Pfizer 105696, Perdue Frederick PF 10042, Rhone-Poulenc Rorer RP 66153, SmithKline Beecham SB-201146, SmithKline Beecham SB-201993, Searle SC-53228, Sumitamo SM 15178, and American Home Products WAY 121006.

5. The combination of Claim 4 wherein the leukotriene B₄ receptor antagonist is selected from Bayer Bay-x-1005, Ciba-Geigy CGS-25019C, ebselen, Leo Denmark ETH-615, Lilly LY-293111, Ono ONO-4057, and rerumo TMK-688.

6. The combination of Claim 2 wherein A is selected from 5- or 6-member partially unsaturated heterocyclyl, 5- or 6-member unsaturated heterocyclyl, 9- or 10-member unsaturated condensed heterocyclyl, lower cycloalkenyl and phenyl; wherein R¹ is selected from 5- and 6-membered heterocyclyl, lower cycloalkyl, lower cycloalkenyl and aryl selected from phenyl, biphenyl and naphthyl, wherein R¹ is optionally substituted at a substitutable position with one or more radicals selected from lower alkyl, lower haloalkyl, cyano, carboxyl, lower alkoxycarbonyl, hydroxyl, lower hydroxyalkyl, lower haloalkoxy, amino, lower alkylamino, phenylamino, lower alkoxyalkyl, lower alkylsulfinyl, halo, lower alkoxy and lower alkylthio; wherein R² is methyl or amino; and wherein R³ is a radical selected

alkoxycarbonyl, lower carboxyalkyl, lower cyanoalkyl,
halo, lower alkyl, lower alkyloxy, lower cycloalkyl,
phenyl, lower haloalkyl, 5- or 6-membered heterocyclyl,
lower hydroxylalkyl, lower aralkyl, acyl,
phenylcarbonyl, lower alkoxyalkyl, 5- or 6-membered
heteroaryloxy, aminocarbonyl, lower alkylaminocarbonyl,

from hydrido, oxo, cyano/ carboxyl, lower

lower alkylamino, lower aminoalkyl, lower alkylaminoalkyl, phenyloxy, and lower aralkoxy; or a pharmaceutically acceptable salt thereof.

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The combination of Claim & wherein A is selected from oxazolyl, isoxazolyl, thienyl, dihydrofuryl, furyl, pyrrolyl, pyrazolyl, thiazolyl, imidazolyl, isothiazolyl, benzofuryl, cyclopentenyl, cyclopentadienyl, phenyl, and pyridyl; wherein R1 is selected from pyridyl optional 1 substituted at a substitutable position with one or more methyl radicals, and phenyl optional by substituted at a substitutable position with one or more radicals selected from methyl, ethyl / isopropyl, butyl, tertbutyl, isobutyl, pentyl, hexyl, cyano, fluoromethyl, difluoromethyl, trifluoromethyl, carboxyl, methoxycarbonyl, ethoxycarbonyl, hydroxymethyl, trifluoromethoxy, hydroxyl, amino, N-methylamino, N,Ndimethylamino, N-ethylamino, N,N-dipropylamino, Nbutylamino, N-methyl-N-ethylamino, phenylamino, methoxymethyl, methylsylfinyl, fluoro, chloro, bromo, methoxy, ethoxy, propoky, n-butoxy, pentoxy, and methylthio; wherein R4 is methyl or amino; and wherein R³ is a radical selected from hydrido, oxo, cyano, carboxyl, methoxycarponyl, ethoxycarbonyl, carboxypropyl, carboxymethyl, carboxyethyl, cyanomethyl, fluoro, chloro, bromo, methyl, ethyl, isopropyl, butyl, tert-butyl, isobutyl, pentyl, hexyl, difluoromethyl, trafluoromethyl, pentafluoroethyl, heptafluoropropyl / difluoroethyl, difluoropropyl, methoxy, ethoxy, propoxy, n-butoxy, pentoxy, cyclohexyl, phenyl, pyridyl, thienyl, thiazolyl, oxazolyl, furyl,/pyrazinyl, hydroxylmethyl, hydroxylpropyl, benzyl, formyl, phenylcarbonyl, methoxymethyl, furylmethyloxy, aminocarbonyl, Nmethylaminocarbonyl, N,N-dimethylaminocarbonyl, N,Ndimethylamino, N-ethylamino, N, N-dipropylamino, Nbutylamino, N-methyl-N-ethylamino, aminomethyl, N,Ndimethylaminomethyl, N-methyl-N-ethylaminomethyl,

benzyloxy, and phenyloxy; or a pharmaceuticallyacceptable salt thereof.

- 8. The combination of Claim 7 selected from 5 compounds and their pharmaceuti¢ally-acceptable salts, of the group consisting of
 - 4-[5-(4-chlorophenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide;
- **10** 4-[5-(4-methylphenyl)-3-(∀rifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide;
 - 4-[5-(3-fluoro-4-methoxyphenyl)-3-(difluoromethyl)-1Hpyrazol-1-yl]benzeneswlfonamide;
 - 3-[1-[4-(methylsulfony/1)phenyl]-4-trifluoromethyl-1Himidazol-2-yl]pyridi/ne;
 - 2-methyl-5-[1-[4-(methylsulfonyl)phenyl]-4trifluoromethyl-1H-imidazol-2-yl]pyridine;
 - 4-[2-(5-methylpyridin-3-yl)-4-(trifluoromethyl)-1Himidazol-1-yl]benzenesulfonamide;
 - 4-[5-methyl-3-phenylisoxazol-4-yl]benzenesulfonamide;
 - 4-[5-hydroxymeth/1-3-phenylisoxazol-4yl]benzenesulfonamide;
 - [2-trifluoromethyl-5-(3,4-difluorophenyl)-4oxazolyl]benzenesulfonamide;
 - 4-[2-methyl-4-phenyl-5-oxazolyl]benzenesulfonamide; and 25
 - $4-[5-(3-fluo_{to}-4-methoxyphenyl-2-trifluoromethyl)-4$ oxazolyl]benzenesulfonamide.
 - A pharmaceutical composition comprising a harmaceutically-acceptable carrier and a therapeutically-effective amount of a leukotriene B4 receptor antagonist and a cyclooxygenase-2 inhibitor selected from Taisho NS-398, meloxicam, floculide, Merck MK-966, Merck L-752,860 and compounds of Formula I

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arylaminosulfonyl;

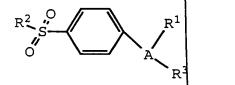
wherein A is a substituent selected from partially unsaturated or unsaturated heterocyclyl and partially unsaturated or unsaturated carbocyclic rings;

wherein R¹ is at least one substituent selected from heterocyclyl, cycloalkyl, cycloalkenyl and aryl, wherein R¹ is optionally substituted at a substitutable position with one or more radicals selected from alkyl, haloalkyl, cyano, carboxyl, alkoxycarbonyl, hydroxyl, hydroxyalkyl, haloalkoxy, amino, alkylamino, arylamino, nitro, alkoxyalkyl, alkylsulfinyl, halo, alkoxy and alkylthio;

wherein R² is methyl or amino; and wherein R³ is a radical selected from hydrido, halo, alkyl, alkenyl, alkynyl, oxo, cyano, carboxyl, cyanoalkyl, heterocyclyloxy, alkyloxy, alkylthio, alkylcarbonyl, cycloalkyl, aryl haloalkyl, heterocyclyl, cycloalkenyl, aralkyl, heterocyclylalkyl, acyl, alkylthioalkyl, hydroxyalkyl, alkoxycarbonyl, arylcarbonyl, aralkylcarbonyl, aralkenyl, alkoxyalkyl, arylthioalkyl, aryloxyalkyl, aralkylthioalkyl, aralkoxyalkyl, alkoxyaralkoxyalky[, alkoxycarbonylalkyl, aminocarbonyl, aminocarbonylalkyl alkylaminocarbonyl, N-arylaminocarbonyl, N-alkyl-N-arylaminocarbonyl, alkylaminocarbonylalkyl, carboxyalkyl, alkylamino, Narylamino, N-aralkylamino, N-alkyl\n-aralkylamino, Nalkyl-N-arylamino, aminoalkyl, alkylaminoalkyl, Narylaminoalkyl, N-aralkylaminoalkyl N-alkyl-Naralkylaminoalkyl, N-alkyl-N-arylaminoalkyl, aryloxy, aralkoxy, arylthio, aralkylthio, alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl, Narylaminosulfonyl, arylsulfonyl, N-alkyl-N-

or a pharmaceutically-acceptable salt thereof.

10. A method of treating inflammation or an inflammation-associated disorder in a subject, said method comprising co-administering to the subject having or susceptible to such inflammation or inflammationassociated disorder, a therapeutically-effective amount of a leukotriene B4 receptor antagonist and a cyclooxygenase-2 inhibitor selected from Taisho NS-398, meloxicam, floculide, Merck MK-966, Merck L-752,860 and compounds of Formula I



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wherein A is a substituent selected from partially unsaturated or unsaturated heterocyclyl and partially unsaturated or unsaturated carbocyclic rings;

wherein R¹ is at least on∉ substituent selected from heterocyclyl, cycloalkyl cycloalkenyl and aryl, 20 wherein R¹ is optionally substituted at a substitutable position with one or more radicals selected from alkyl, haloalkyl, cyano, carboxyl, alkoxycarbonyl, hydroxyl, hydroxyalkyl, haloalkoxy, amino, alkylamino, arylamino, nitro, alkoxyalkyl, alkylsulfixyl, halo, alkoxy and alkylthio;

wherein R² is methyl or amino; and wherein R3 is a radical selected from hydrido, halo, alkyl, alkenyl, alkynyl, oxo, cyano, carboxyl, cyanoalkyl, heterocyclyloxy, alkyloxy, alkylthio, alkylcarbonyl, cycloalkyl, aryl, haloalkyl, heterocyclyl, cycloalkenyl, aralkyl, heterocyclylalkyl, acyl, alkylthioalkyl, hydroxyalkyl, alkoxycarbonyl, arylcarbonyl, aralkylcarbonyl, aralkenyl, alkoxyalkyl, arylthioalkyl, aryloxyalkyl, afalkylthioalkyl,

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aralkoxyalkyl, alkoxyaralkoxyalkyl, alkoxycarbonylalkyl, aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-arylaminocarbonyl, N-alkyl-N-arylaminocarbonyl, alkylaminocarbonylalkyl, carboxyalkyl, alkylamino, N-arylamino, N-aralkylamino, N-alkyl-N-aralkylamino, N-alkyl-N-arylamino, aminoalkyl, alkylaminoalkyl, N-arylaminoalkyl, N-alkyl-N-arylaminoalkyl, N-alkyl-N-aralkylaminoalkyl, N-alkyl-N-arylaminoalkyl, aryloxy, aralkoxy, arylthio, aralkylaminosulfinyl, alkylaminosulfinyl, alkylaminosulfonyl, arylsulfinyl, N-alkyl-N-arylaminosulfonyl, arylsulfinyl, N-alkyl-N-arylaminosulfonyl, arylsulfonyl, N-alkyl-N-arylaminosulfonyl;

or a pharmaceutically acceptable salt thereof.

- 11. The method of Claim 10 wherein said leukotriene B_4 receptor antagonist and said cycloxygenase-2 inhibitor are administered in a sequential magner.
- 12. The method of Claim 10 wherein said leukotriene B_4 receptor antagonist and said cycloxygenase-2 inhibitor are administered in a substantially simultaneous manner.
- 13. The method of Claim 10 wherein the leukotriene B4 receptor antagonist is selected from Bayer Bay-x25 1005, Ciba-Geigy CGS-25019C, ebselen, Leo Denmark ETH615, Lilly LY-293111, Ono ONO-4057, Terumo TMK-688,
 Boehringer Ingleheim BI-RM-270, Lilly LY 213024, Lilly LY 264086, Lilly LY 292728, Ono ONO LB457, Pfizer 105696, Perdue Frederick PF 10042, Rhone-Poulenc Rorer RP 66153, SmithKline Beecham SB-201146, SmithKline Beecham SB-201993, Searle SC-53228, Sumitamo SM 15178, and American Home Products WAY 121006.
- 14. The method of Claim 13 wherein the leukotriene 35 B4 receptor antagonist is selected from Bayer Bay-x-1005, Ciba-Geigy CGS-25019C, ebselen, Leo Denmark ETH-615, Lilly LY-293111, Ono ONO-4057, and Terumo TMK-688.

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15. The method of qlaim 10 wherein A is selected from 5- or 6-member partially unsaturated heterocyclyl, 5- or 6-member unsaturated heterocyclyl, 9- or 10-member 5 unsaturated condensed heterocyclyl, lower cycloalkenyl and phenyl; wherein R is selected from 5- and 6membered heterocyclyl, lower cycloalkyl, lower cycloalkenyl and aryl selected from phenyl, biphenyl and naphthyl, wherein R1 is optionally substituted at a 10 substitutable position with one or more radicals selected from lower alkyl, lower haloalkyl, cyano, carboxyl, lower alkoxycarbonyl, hydroxyl, lower hydroxyalkyl, lower hal balkoxy, amino, lower alkylamino, phenylamino, lower alkoxyalkyl, lower alkylsulfinyl, halo, lower alkoxy and lower alkylthio; wherein R² is methyl or amino; and wherein R3 is a radical selected from hydrido, oxo, cyano, carboxyl, lower alkoxycarbonyl, lower carboxyalkyl, lower cyanoalkyl, halo, lower alkyl, lower alkyloxy, lower cycloalkyl, phenyl, lower haloalkyl/, |5- ox 6-membered heterocyclyl, lower hydroxylalkyl, lower arallkyl, acyl, phenylcarbonyl, lower alkoxyalkyl, 57 or 6-membered heteroaryloxy, aminocarbonyl, lower/alkylaminocarbonyl, lower alkylamino, lower aminoalkyl, lower alkylaminoalkyl, phenyloxy, and lower aralkoxy; or a

The method of Claim 15 wherein A is selected from oxazolyl, isoxazolyl, thienyl, dihydrofuryl, 30 furyl, pyrrolyl, pyrazolyl, thiazolyl, imidazolyl, isothiazolyl, benzofuryl, cyclopentenyl, cyclopentadienyl, phenyl, and pyridyl; wherein R1 is selected from pyridyl optionally substituted at a substitutable position with one or more methyl 35 radicals, and phenyl optionally substituted at a substitutable position with one or more radicals selected from methyl, ethyl, isopropyl, butyl, tert-

pharmaceutically-acceptable salt thereof.

butyl, isobutyl, pentyl, hexyl, cyano, fluoromethyl, difluoromethyl, trifluoromethyl, carboxyl, methoxycarbonyl, ethoxycarbonyl, hydroxymethyl, trifluoromethoxy, hydroxyl, amino, N-methylamino, N,N-5 dimethylamino, N-ethylamino, N,N-dipropylamino, Nbutylamino, N-methyl-N-ethylamino, phenylamino, methoxymethyl, methylsulfinyl, fluoro, chloro, bromo, methoxy, ethoxy, propoxy, n-butoxy, pentoxy, and methylthio; wherein R^2 is methyl or amino; and wherein R³ is a radical selected from hydrido, oxo, cyano, 10 carboxyl, methoxycarbonyl, ethoxycarbonyl, carboxypropyl, carboxymethyl, carboxyethyl, cyanomethyl, fluoro, chlord, bromo, methyl, ethyl, isopropyl, butyl, tert-butyl, isobutyl, pentyl, hexyl, difluoromethyl, trifluoromethyl, pentafluoroethyl, 15 heptafluoropropyl, difluoroethyl, difluoropropyl, methoxy, ethoxy, propoxy, h-butoxy, pentoxy, cyclohexyl, phenyl, pyridyl, thienyl, thiazolyl, oxazolyl, furyl, pyrazinyl, hydroxylmethyl, hydroxylpropyl, benzyl, formyl, phenylcarbonyl, 20 methoxymethyl, furylmethyloxy, aminocarbonyl, Nmethylaminocarbonyl, N,N-dimethylaminocarbonyl, N,Ndimethylamino, N-ethylamino, N,N-dipropylamino, Nbutylamino, N-methyl-N-ethylamino, aminomethyl, N,N-

17. The method of claim 16 selected from compounds
30 and their pharmaceutically-acceptable salts, of the
group consisting of

dimethylaminomethyl, N-methyl-N-ethylaminomethyl, benzyloxy, and phenyloxy; or a pharmaceutically-

acceptable salt thereof.

4-[5-(4-chlorophenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide

35 4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide;

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- 4-[5-(3-fluoro-4-methoxyphenyl)-3-(difluoromethyl)-1H-pyrazol-1-yl]benzenesulfonamide;
- 3-[1-[4-(methylsulfonyl)phenyl]-4-trifluoromethyl-1H-imidazol-2-yl]pyridine;
- 5 2-methyl-5-[1-[4-(methylsulfonyl)phenyl]-4trifluoromethyl-1H-imidazol-2-yl]pyridine;
 - 4-[2-(5-methylpyridin-3-yl)-4-(trifluoromethyl)-1Himidazol-1-yl]benzenesulfonamide;
 - 4-[5-methyl-3-phenylisokazol-4-yl]benzenesulfonamide;
- 10 4-[5-hydroxyethyl-3-phenylisoxazol-4-yl]benzenesulfonamide;
 - [2-trifluoromethyl-5-(3,4-difluorophenyl)-4oxazolyl]benzenesulfonamide;
 - 4-[2-methyl-4-phenyl-5-dxazolyl]benzenesulfonamide; and
- 4-[5-(3-fluoro-4-methoxyphenyl-2-trifluoromethyl)-4-oxazolyl]berzenesulfonamide.
 - 18. The method of plaim 10 wherein the condition is inflammation.
 - 19. The method of Claim 10 wherein the condition is an inflammation-associated disorder.
- 20. The method of Claim 19 wherein the inflammation-associated disorder is arthritis.
 - 21. The method of Claim 10 wherein the subject is susceptible to inflammation.
- 30 22. The method of Claim 10 wherein the subject is susceptible to an inflammation-associated disorder.
 - 23. The method of Claim 22 wherein the subject is susceptible to arthritis.